

Title (en)  
SPOUT APPARATUS

Title (de)  
AUSGUSSVORRICHTUNG

Title (fr)  
APPAREIL À EMBOUT VERSEUR

Publication  
**EP 3150770 A1 20170405 (EN)**

Application  
**EP 16189975 A 20160921**

Priority  
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Abstract (en)  
The present invention is a spout apparatus (1) for spouting water, including: a spout apparatus main body (2) and an oscillation inducing element wherein the oscillation inducing element (4) has: a water supply conduit (10a), a water collision portion (14) disposed on the downstream end portion of the water supply passageway, for alternately generating oppositely circulating vortices on that downstream side; a vortex street passageway (10b) for guiding vortices formed by the water collision portion while causing them to grow; and a flow aligning pathway (10c) for aligning water including vortices guided by the vortex street passageway, and causing it to be discharged; wherein a pair of opposing wall surfaces in the vortex street passageway is constituted so that the downstream side thereof is tapered over a longer area than the flow-aligning passageway, such that the flow path cross section thereof narrows toward the downstream side.

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Citation (applicant)  
• JP 2000120141 A 20000425 - MATSUSHITA ELECTRIC WORKS LTD  
• JP 2004275985 A 20041007 - HITACHI IND EQUIPMENT SYS  
• JP S5849300 B2 19831102

Citation (search report)  
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• [XAI] US RE31683 E 19840925  
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